

Converting Colors

XYZ(82.2288, 84.2583, 75.4344)

Have a look what the booklet for
XYZ(82.2288, 84.2583, 75.4344)
contains.

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Color

**XYZ(82.1496, 84.2037,
75.5415)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE9D6
RGB	254, 233, 214
RGB Percent	100%, 91%, 84%
CMY	0.0039, 0.0863, 0.1608
CMYK	0.00, 0.08, 0.16, 0.00
HSL	29°, 95%, 92%
HSV	29°, 16%, 100%
XYZ	82.1496, 84.2037, 75.5415
YIQ	237.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

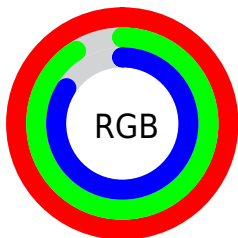
Format	Color
R _Y B	254, 250, 214
Decimal	16706006
CIE Lab	93.54, 4.13, 11.81
CIE LCh	94, 12.507, 70.737
Yxy	84.2037, 0.3396, 0.3481
Android (android.graphics.Color)	4294896086 (0xFFFE9D6)
YUV	237.1130, -11.3947, 14.8099
Hunter-Lab	91.7626, -0.7840, 15.4246

Details

The XYZ color **82.1496, 84.2037, 75.5415** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3290, 80.8669, 105.4054**, and the grayscale version is **80.6602, 84.8608, 92.4134**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0061, 45.8178, 39.2725** is the 20% darker color. If you saturate the color by 10%, you get **75.5233, 75.7434, 58.5571**, and if you desaturate by 10%, it is **89.5716, 93.4442, 95.2886**.

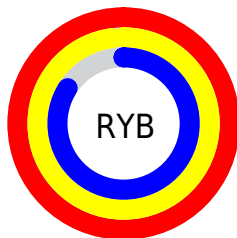
Distribution



Red (100%)

Green (91%)

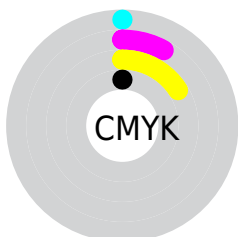
Blue (84%)



Red (100%)

Yellow (98%)

Blue (84%)

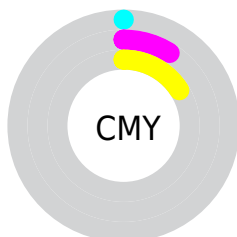


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1496, 84.2037, 75.5415 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.1496, 84.2037, 75.5415 by changing the saturation by 10% instead.

 82.1496, 84.2037,
75.5415

 82.1496, 84.2037,
75.5415


490.7749,
508.9894, 499.0817

 61.8034, 63.1836,
55.5522


135.3185,
139.2601, 128.8327

 45.1288, 45.9898,
39.4424


168.8719,
174.0652, 162.9717

 31.7606, 32.2378,
26.7936


207.5584,
214.2341, 202.6644

 21.3334, 21.5432,
17.1872

251.7433,
260.1512, 248.3293

 13.4818, 13.5216,
10.2047

301.7921,
312.2009, 300.3850

 7.8404, 7.7887,
5.4275

358.0701,

 4.0439, 3.9600,

370.7676, 359.2499

2.4371

420.9425,
436.2356, 425.3426

■ 1.7270, 1.6512,
0.8066

■ 0.4731, 0.3918,
0.0000

■ 82.1496, 84.2037,
75.5415

■ 82.1496, 84.2037,
75.5415

■ 75.5233, 75.7434,
58.5571

■ 89.5716, 93.4442,
95.2886

■ 69.6561, 68.0301,
44.2049

94.6834, 99.8110,
108.8828

■ 64.5187, 61.0446,
32.3517

■ 60.0768, 54.7625,
22.8505

■ 56.2930, 49.1576,
15.5385

■ 53.1255, 44.2015,
10.2320

■ 50.5266, 39.8630,
6.7165

■ 48.4384, 36.1061,
4.7268

■ 47.6720, 34.6683,
4.1791

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9494, 84.2037, 80.3033



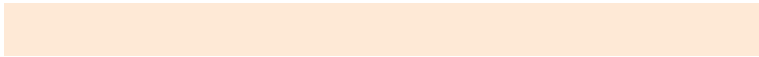
82.1496, 84.2037, 75.5415



78.8540, 84.2037, 74.9273

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1496, 84.2037, 75.5415



73.9458, 84.2037, 95.1190



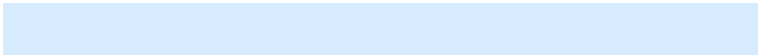
84.2557, 84.2037, 106.1887

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82.1496, 84.2037, 75.5415



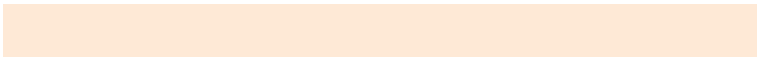
75.3290, 80.8669, 105.4054

Split Complementary

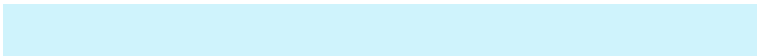
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2238, 84.2037, 110.7684



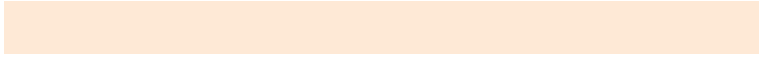
82.1496, 84.2037, 75.5415



75.3102, 84.2037, 104.0910

Square

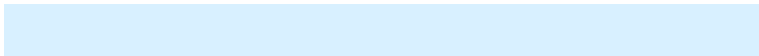
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1496, 84.2037, 75.5415



74.1781, 84.2037, 85.8050



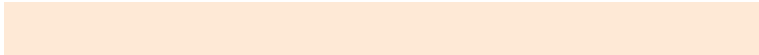
77.9533, 84.2037, 109.9753



86.1883, 84.2037, 97.8246

Rectangle

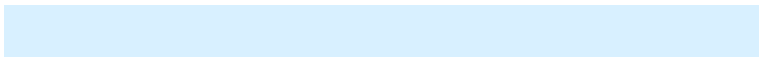
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1496, 84.2037, 75.5415



76.8263, 84.2037, 76.9022



77.9533, 84.2037, 109.9753



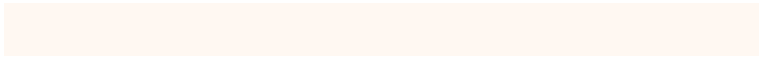
83.3278, 84.2037, 108.2470

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82.1519, 84.2075, 75.5433



90.9667, 95.0101, 97.7457



79.9642, 75.1825, 89.1481



19.3514, 20.1894, 20.5986



0.0000, 0.0000, 0.0000



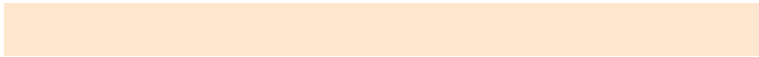
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1519, 84.2075, 75.5433



80.6247, 82.0973, 70.3404



88.0317, 95.9670, 77.5032



18.7212, 19.4106, 18.9042



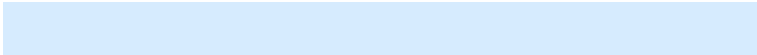
25.2785, 18.5682, 2.2517



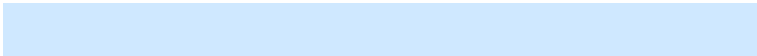
2.5697, 2.0249, 0.2554

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.3290, 80.8669, 105.4054



72.5077, 78.1229, 105.8654



70.0075, 70.2239, 103.6315



17.7921, 18.9558, 22.9710



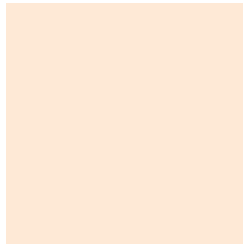
14.0255, 12.9607, 51.1970



1.4751, 1.4808, 5.0214

Previews

White Background



This preview shows how the XYZ color 82.1496, 84.2037, 75.5415 looks on a white background.

Color Contrast Check

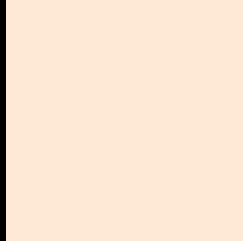
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 82.1496, 84.2037, 75.5415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

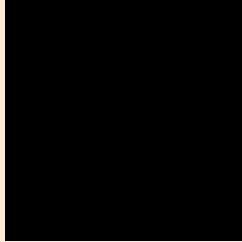
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1496, 84.2037, 75.5415

Background



This preview shows how black text looks on a background with the XYZ color 82.1496, 84.2037, 75.5415.



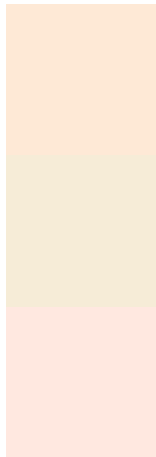
This preview shows how white text looks on a background with the XYZ color 82.1496, 84.2037,

75.5415.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.1496, 84.2037, 75.5415

Protanopia

80.2672, 84.4900, 76.3676

Deuteranopia

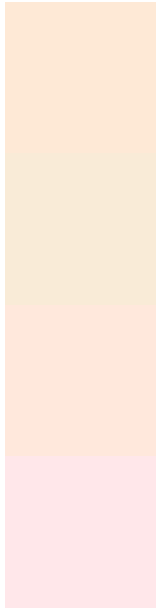
83.5512, 84.3550, 82.3995



Tritanopia

86.0182, 84.4462, 98.1523

Trichromacy



Original Color

82.1496, 84.2037, 75.5415

Protanomaly

81.0410, 84.4627, 76.3216

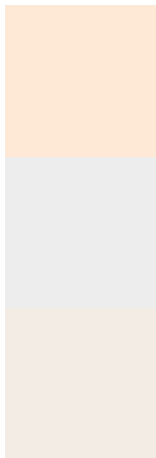
Deuteranomaly

83.0149, 84.1405, 79.5755

Tritanomaly

84.6672, 84.3523, 89.6611

Monochromacy



Original Color

82.1496, 84.2037, 75.5415

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.1005, 84.7027, 86.2036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1496, 84.2037, 75.5415 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(254, 233, 214) looks like.

```
.text, #text, p{  
    color:rgb(254, 233, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 233, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 233, 214) }
```

Border

The CSS property to change the border of an element to XYZ 82.1496, 84.2037, 75.5415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 233, 214) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 233, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 233, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 233, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 233, 214);  
box-shadow:4px 4px 4px 4px rgb(254, 233,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1496, 84.2037, 75.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 233, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
233, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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